

REMARKS

Claims 5, 22, 25, and 26 are amended. Claim 5 is amended to correct the grammar by changing "with" to --to-- and is not being amended for purposes of patentability. Claims 22 and 23 are amended to correct the grammar by changing "is" to --are--, and are not being amended for purposes of patentability. Claim 26 is amended to improve its readability and is not being amended for purposes of patentability.

The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for the timely consideration of this amendment under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-4503, Order No. 4208-4012.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Dated: 8/22/01

By: 

John E. Hoel
Registration No. 26,279
202-857-7887 - Telephone
202-857-7929 - Facsimile

SENDER'S ADDRESS:
Morgan & Finnegan L.L.P.
1775 Eye Street, N.W. Suite 400
Washington, D.C. 20006

ATTACHMENT

All additions are shown underlined, e.g., the, and deletions are shown in brackets, e.g., [the]. Amendments are shown bolded.

5. (Amended) The method of claim 3, wherein the wireless device offloads a portion of the processing of the sensor signals **[with] to** a context inference engine to the server.

22. (Amended) An apparatus to enable a wireless device to provide recommendations to its user that **[is] are** appropriate to the device's current environment, comprising:

a processor;

a memory coupled to the processor, programmed to perform the steps of:

receiving sensor signals characterizing a current environment of the wireless device;

processing the sensor signals with a context inference engine;

outputting a current context result from the processing by the context inference engine;

forming a context-activity pair by selecting an activity and pairing it with the current context result;

causing a database of recommendations to be searched using the context-activity pair;
and

providing recommendations to the user in response to the searching step.

25. (Amended) A wireless device to provide recommendations to its user that **[is] are** appropriate to the device's current environment, comprising:

a sensor for providing sensor signals characterizing a current environment of the wireless device;

a context inference engine coupled to the sensor, for processing the sensor signals;

said context inference engine providing a current context result from the processing;

a processor coupled to the context inference engine, for forming a context-activity pair by selecting an activity and pairing it with the current context result;

a database coupled to the processor, for providing recommendations using the context-activity pair; and

an output device coupled to the database, for providing the recommendations to the user in response to the context-activity pair.

26. (Amended) A system to provide recommendations to the user of a wireless device that **[is] are** appropriate to the device's current environment, comprising:

a sensor in the wireless device for providing sensor signals characterizing a current environment of the wireless device;

a processor coupled to the **[context inference engine] sensor**, for forming **[a context-activity] pair** information by selecting an activity and pairing it with current sensor information derived from said sensor signals, said processor sending the **[context-activity] pair** information to a server;

a context inference engine in the server coupled to the wireless device, for processing the **[context-activity pair] current sensor** information, said context inference engine providing a current context result from the processing;

a database coupled to the **[processor] context inference engine**, for providing recommendations using the **activity and** current context **result** **[-activity pair]**; and

an output device in the wireless device and coupled to the database, for providing the recommendations to the user.